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(71) Applicant: **FUTABA CORP**

(72) Inventor: **KAWASAKI HIROAKI**  
**AKIBA NOBUO**

### (54) CONSUMPTION POWER DETECTING AND CONTROL SYSTEM AND ADAPTOR FOR PLUG SOCKET

(57) Abstract:

**PROBLEM TO BE SOLVED:** To prevent data in a personal computer or the like from being broken down when a breaker is cut off.

**SOLUTION:** Devices which are hardly returned to an original state due to the cutoff of the power supply of a personal computer or the like are connected directly to plug sockets 31<sub>1</sub> to 35<sub>3</sub> which are connected to the low order of respective breakers 21 to 25. Electric devices which can be returned to an original state when the power supply is turned on again are connected to the plug sockets 31<sub>1</sub> to 35<sub>3</sub> via respective adaptors 40 for the plug sockets. In every adaptor 40, its own allowable current value and the total current value which can be consumed by all the adaptors 40 are set, and ev-

ery adaptor measures its own load current so as to be transmitted to another adaptor 40. Every adaptor 40 compares its own load current and currents consumed by all the adaptors 40 with the allowable current value and the total current value. When the margin of a consumable current is exhaust, an electrifying operation to a connected load is stopped.

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